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DESCRIPTORS: Particle accelerators, *Proton
accelerators, *Linear accelerators, Electromagnetic
pulses, *Cavity resonators, *Control systems,
Automatic.

Results are given of an investigation of a system of
automatic control of the instantaneous accelerating
field when an equilibrium particle passes the centre of
an accelerating gap. The possibility of this system is
demonstrated, and the accuracy of the stabilisation is
estimated. (Author)
(Nuclear Physics--Instruments, TT, v. 11, no. 9)

TT-63-23309

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- II. Guseva, K. I.
- III. NP-tr-740
- IV. DSIR NLL M. 4364
- V. Atomic Energy Research
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ATD T-65-80

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Characteristics from on Numerical Value of Solar
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Muroi, Tadashi; Okata, Akira and others.
A PROCESS FOR PRODUCING A COPOLYMERIZED
AMIDE. [1963] 6p.

Order from OTS or SLA \$1.10

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Trans. of pub. Japanese patent 15,946/62, cl. 26D, by
Agency of Industrial Science & Technology, appl.
13 Oct 60. as no. 44 140, pub. 6 Oct 62.

DESCRIPTORS: *Amides, *Polyamide plastics, *Nylon,
*Fibers (Synthetic), Amines, Methylenes, Thermo-
plastics, Adipic acid, Pyrazines, Phthalic acids,
Copolymerization.

The invention concerns a process for producing a
copolymerized amide which comprises subjecting
adipic acid-piperazine to heat reaction with tereph-
thalic acid-hexamethylene-diamine in the molar ratio
of adipic acid piperazine nylon salt against terephthalic
(Materials--Textiles, TT, v. 10, no. 9) (over)

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Order from ATS \$9.75

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Trans. of Khim[icheskie] Volokna (USSR) 1963, no. 1,
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DESCRIPTORS: Ethylenes, Glycols, *Phthalates,
Methyl radicals, Esterification, *Terephthalic acid.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-64-12400

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III. ATS-10Q74R
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PP 70-73. 9082300

OTS 60-21897
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PST 281

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VOL XXXIII, NO 5, 1962, PP 19-23. 9090898

USDA TR V-1782

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SLA:61-5834

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5 pp.

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Vol XXX, No 5, 1959, pp 115-119.

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Sci-Med

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STUDY OF AEROSOLS. REPT. NO. 3. ULTRASONIC
APPARATUS FOR THE DISPERSION OF AEROSOLS
(Izucheniye Aerozoley. Soobshcheniye III.
Ul'trazvukovoy Raspylitel'). 24 Jan 61, 10p. (7 figs.
omitted) 7 refs. Trans. V-1638.
Order from OTS or SLA \$1.10

61-15822

Trans. of *Zhurnal Mikrobiologii, Epidemiologii i
Immunobiologii (USSR) 1960 [v. 31] no. 10, p. 50-55.

DESCRIPTORS: Aerosols, *Aerosol generators,
Penetration, *Ultrasonics, *Microbiology, Respiratory
system, USSR, *Bacterial aerosols.

The portable ultrasonic (800 and 2400 kc) atomizer of
the Gamaleia Institute of Epidemiology and Microbiology
of the USSR Academy of Medical Sciences was tested
with saprophyte bacteria, diphtherial toxoid and whoop-
ing cough vaccine. The productive capacity fluctuated
(Biological Sciences--Microbiology, TT, v. 6, no. 1)[over]

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